Claims:

1. An article having on at least a portion of its surface a coating comprising:

at least one layer comprised of nickel;

layer comprised of zirconium, titanium or zirconium-titanium alloy; and

layer comprised of zirconium compound, titanium compound or zirconium-titanium alloy compound.

- 2. The article of claim 1 wherein said compound is selected from oxides, carbides, carbonitrides and nitrides.
- 3. The article of claim 2 wherein said layer comprised of zirconium, titanium or zirconium-titanium alloy is comprised of zirconium or zirconium-titanium alloy.
- 4. The article of claim 3 wherein said layer comprised of zirconium or zirconium-titanium alloy is comprised of zirconium.
- 5. The article of claim 4 wherein said layer comprised of zirconium compound, titanium compound or zirconium-titanium alloy compound is comprised of zirconium compound or zirconium-titanium alloy compound.

- 6. The article of claim 5 wherein said layer comprised of zirconium compound or zirconium-titanium alloy compound is comprised of zirconium compound.
- 7. The article of claim 6 wherein said zirconium compound is zirconium nitride.
- 8. The article of claim 3 wherein said layer comprised of zirconium or zirconium-titanium alloy is comprised of zirconium-titanium alloy.
- 9. The article of claim 8 wherein said layer comprised of zirconium compound, titanium compound or zirconium-titanium alloy compound is comprised of zirconium-titanium alloy compound.
- 10. The article of claim 9 wherein said layer comprised of zirconium-titanium alloy compound is comprised of zirconium-titanium nitride.
- 11. The article of claim 1 wherein said at least one layer comprised of nickel is comprised of two different layers comprised of nickel.

- 12. The article of claim 11 wherein one of said layers comprised of nickel is comprised of semi-bright nickel
- 13. The article of claim 12 wherein the second of said layers comprised of nickel is comprised of bright nickel.
- 14. An article having on at least a portion of its surface a coating comprising:

layer comprised of semi-bright nickel;

layer comprised of bright nickel;

layer comprised of chrome;

layer comprised of zirconium, titanium or zirconium-titanium alloy; and

layer comprised of zirconium compound, titanium compound or zirconium-titanium alloy compound.

- 15. The article of claim 14 wherein said compound is selected from oxides, carbides, carbonitzides and nitrides.
- 16. The article of claim '44 wherein said layer comprised of zirconium, titanium or zirconium-titanium alloy is comprised of zirconium.

- 17. The article of claim 15 wherein said layer comprised of zirconium compound, titanium compound or zirconium-titanium alloy compound is comprised of zirconium compound.
- 18. The article of claim 17 wherein said zirconium compound is zirconium nitride.
- 19. The article of claim 14 wherein said layer comprised of zirconium, titanium or zirconium-titanium alloy is comprised of zirconium-titanium alloy.
- 20. The article of claim 19 wherein said layer comprised of zirconium compound, titanium compound or zirconium-titanium alloy compound is comprised of zirconium-titanium alloy compound.
- 21. The article of claim 20 wherein said zirconium-titanium alloy compound is zirconium-titanium alloy nitride.
- 22. An article having on at least a portion of its surface a coating comprising:

layer comprised of zirconium, titanium or zirconium-titanium alloy; and

layer comprised of zirconium compound, titanium compound or zirconium-titanium alloy compound.

- 23. The article of claim 22 wherein said compound is selected from carbides, oxides, nitrides and carbonitrides.

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- 24. The article of chaim 23 wherein said layer comprised of zirconium compound, titanium compound or zirconium-titanium alloy compound is comprised of zirconium compound or zirconium-titanium alloy compound.
- 25. The article of claim 24 wherein said compounds are nitrides.
- 26. The article of claim 24 wherein said layer comprised of zirconium titanium or zirconium-titanium alloy is comprised of zirconium or zirconium-titanium alloy.
- 27. The article of claim 25 wherein said layer comprised of zirconium, titanium or zirconium-titanium alloy is comprised of zirconium or zirconium-titanium alloy.

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